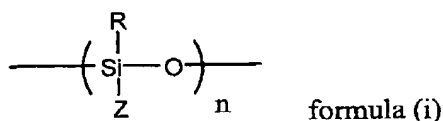


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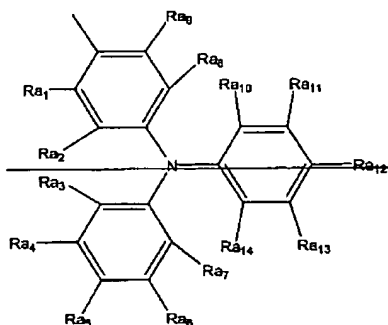
### AMENDMENTS TO THE CLAIMS

Please amend Claim 1, cancel Claims 2-12 and 14-24, and add new Claims 25-26, as follows:

1. (Currently amended) A composition comprising a polymer represented by the following formula (i), wherein the composition exhibits photorefractive ability:



wherein R is selected from the group consisting of a linear alkyl group with up to 10 carbons, a branched alkyl group with up to 10 carbons, and an aromatic group with up to 10 carbons; n is an integer of 10 to 10,000; Z is a group which contains at least a tri-aromatic amine moiety shown in the structure (ii):

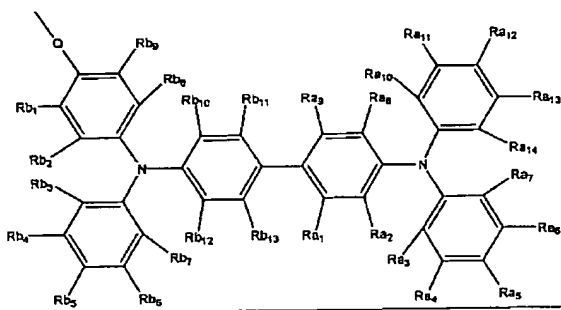


~~structure (ii)~~

~~wherein R<sub>1</sub>-R<sub>14</sub> are independently selected from the group consisting of a hydrogen atom, a linear alkyl group with up to 10 carbons, a branched alkyl group with up to 10 carbons, and an aromatic group with up to 10 carbons~~ Z is represented by the structure (iii):

Structure (iii)

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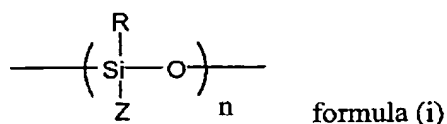
wherein Q represents an alkylene group, with or without a hetero atom; and Rb<sub>1</sub>-Rb<sub>13</sub> and Ra<sub>1</sub>-Ra<sub>14</sub> are independently selected from the group consisting of a hydrogen atom, a linear alkyl group with up to 10 carbons, a branched alkyl group with up to 10 carbons, and an aromatic group with up to 10 carbons.

2-12 (Canceled)

13. (Original) The composition of claim 1, further comprising a plasticizer and a sensitizer.

14-24 (Canceled)

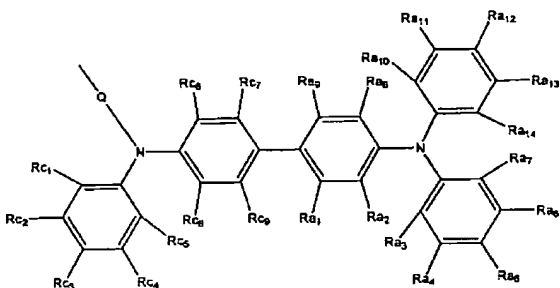
25. (New) A composition comprising a polymer represented by the following formula (i), wherein the composition exhibits photorefractive ability:



wherein R is selected from the group consisting of a linear alkyl group with up to 10 carbons, a branched alkyl group with up to 10 carbons, and an aromatic group with up to 10 carbons; n is an integer of 10 to 10,000; Z is represented by the structure (iv):

Structure (iv)

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wherein Q represents an alkylene group, with or without a hetero atom; and Rc<sub>1</sub>-Rc<sub>9</sub> and Ra<sub>1</sub>-Ra<sub>14</sub> are independently selected from the group consisting of a hydrogen atom, a linear alkyl group with up to 10 carbons, a branched alkyl group with up to 10 carbons, and an aromatic group with up to 10 carbons.

26. (New) The composition of claim 25, further comprising a plasticizer and a sensitizer.